

FIG. 1

Attributes

	Buy/Sell	Stock	Client	Industry	Market	Account
Trading Orders	B	AA	X	Health	NYSE	1.00
	B	BB	X	Drug	NYSE	2.00
	B	CC	Y	Defense	NASDAQ	3.00
	S	AA	Y	Health	NYSE	4.00
	S	BB	Z	Drug	NYSE	5.00
	S	CC	Z	Defense	NASDAQ	6.00

FIG. 2A

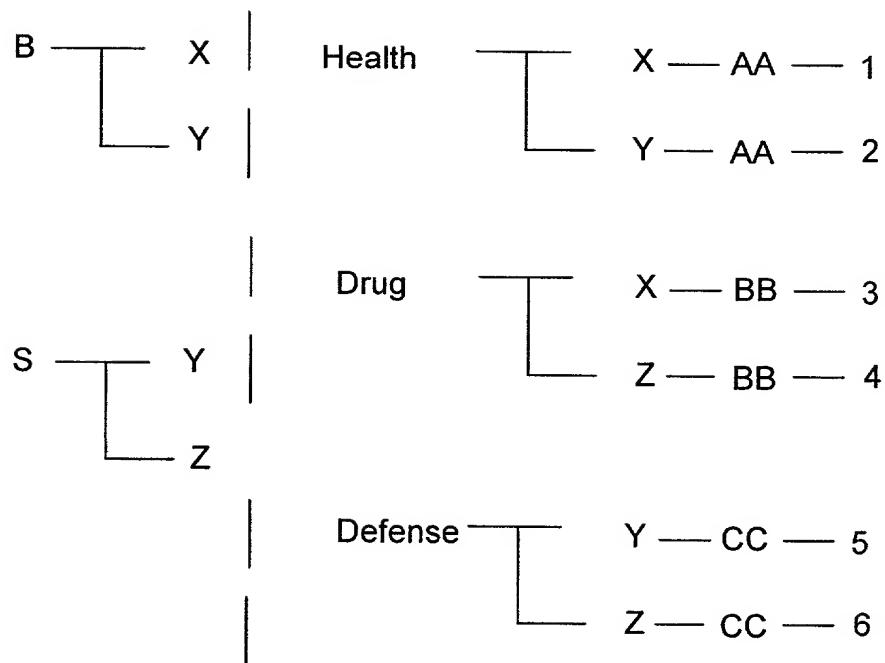


FIG. 2B

FIG. 2C

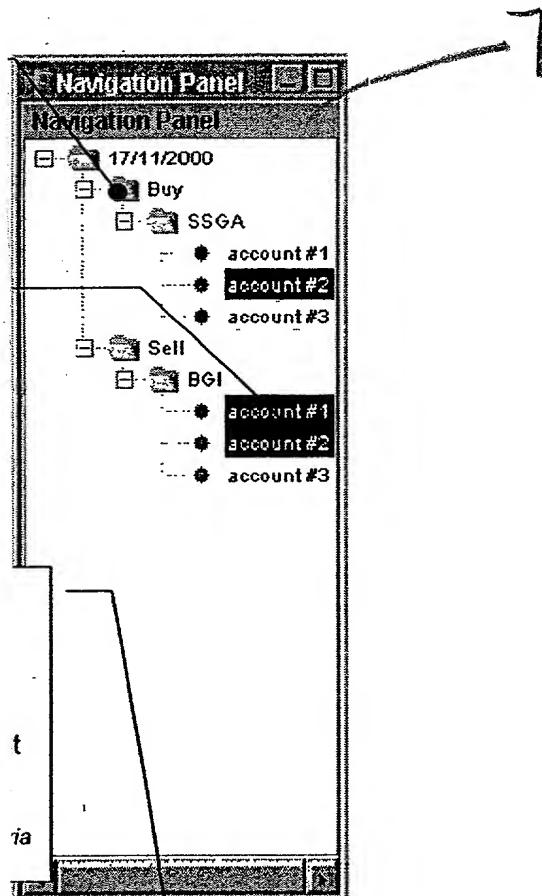


FIG. 3A

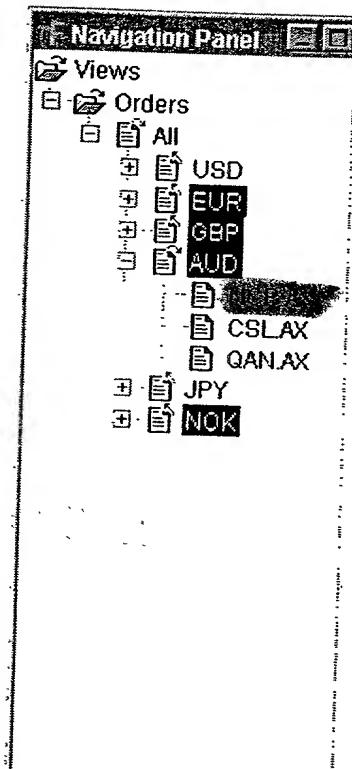


FIG. 3C

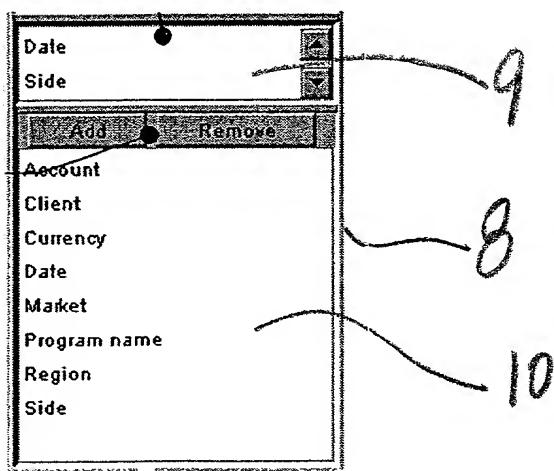


FIG. 3B

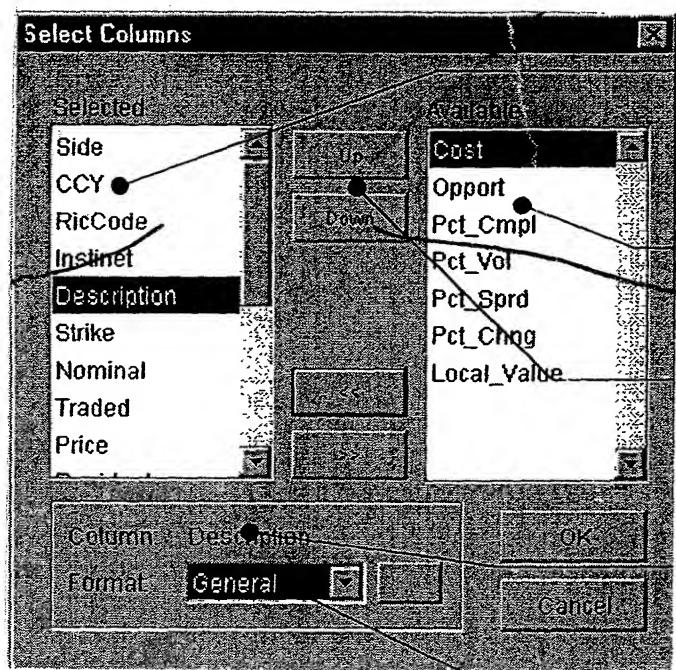


FIG 4.

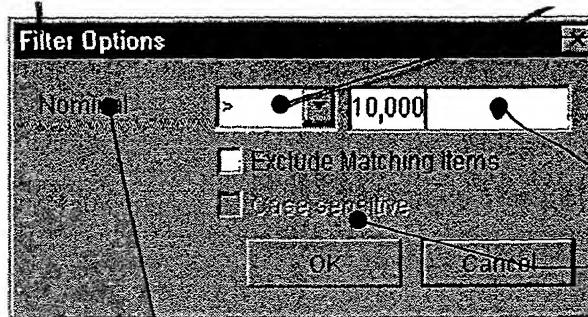


FIG 5

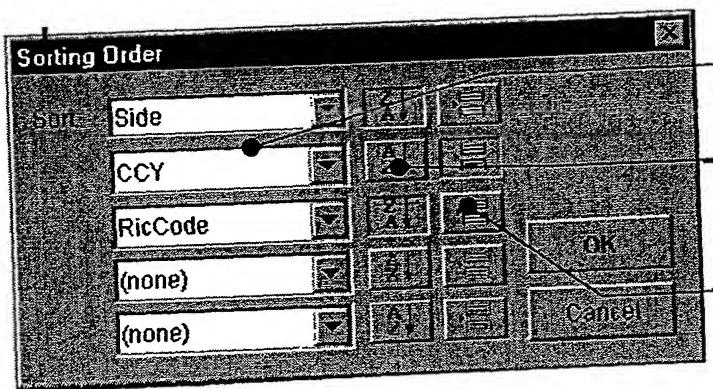


FIG. 6

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FIG 7A

Newport Client -- James Teather @ London Dev connected to Ian's Test Server

File Edit Program Order Tools Window Help

Navigation

Sector

- All
- Aerospace & Military Technol
 - BUY
 - SELL
- Appliances & Households
 - BUY
 - SELL
- Automobiles
 - BUY
 - SELL
- Banking
 - BUY
 - SELL
- Beverages & Tobacco
 - BUY
 - SELL
- Broadcasting & Publishing
 - BUY
 - SELL
- Building Materials & Compon
 - BUY
 - SELL
- Business & Public Services
 - BUY
 - SELL
 - Chemicals
 - BUY
 - SELL
- Construction & Housing
 - BUY
 - SELL
- Data Processing & Reprod
 - BUY
 - SELL
- Electrical & Electronics
 - BUY
 - SELL

Order 1006954673956 cancelled

Inbox

Orders

Outbox

EUR

Order ID	Side	Order Qty	INET	1st RIC	Limit Price	Ack	Bid	Value	Residual
1006954672442	Buy	5,430	CSGNI	CSGZnVX	347.860	65.200	65.150	354,036,000	5,430,000
1006954674192	Buy	78,150	DBKG1	DBKGh,DE	79,716	73,290	73,120	5,727,613,500	78,150,000
1006954674537	Buy	78,150	DBKG1	DBKGh,DE	79,716	73,290	73,120	5,727,613,500	78,150,000
1006954673157	Buy	78,150	DBKG1	DBKGh,DE	79,716	73,290	73,120	5,727,613,500	78,150,000
1006954672787	Buy	5,430	CSGNI	CSGZnVX	347.880	65.200	65.150	354,036,000	5,430,000
1006954673721	Buy	46,700	HSBAL	HSBAL	730.080	638.000	837.000	391,346,000	46,700,000
1006954672097	Buy	700	BAC	BAC	0.000	62.130	62.100	43,470,000	700,000
1006954671078	Sell	4,200	FBF	FBF	0.000	37.620	37.610	157,962,000	4,200,000
1006954672332	Sell	1,000	ONE	ONE	0.000	37.490	37.450	37,450,000	1,000,000
1006954671073	Sell	4,400	FBF	FBF	0.000	37.620	37.610	165,484,000	4,400,000
1006954673341	Sell	5,400	AAH1	AAH,AS	23.088	17.950	17.920	96,768,000	5,400,000
1006954672996	Sell	5,400	AAH1	AAH,AS	23.088	17.950	17.920	96,768,000	5,400,000

Order ID	Placed With	Side	Order Qty	INET	Client Notes	Benchmark	Time Raised	Expiry Type	Exp. Time
1006948206136	London Dev	Buy	2,700	FFFL		0.000	12 24 22 DAY		
1006948206108		Buy	400	CC		0.000	13 21 34 DAY		
1006954675173		Buy	32,690	HSB		0.000	16 56 01 DAY		
1006954675173		Buy	32,690	HSB		0.000	16 56 01 DAY		
1006954675183		Buy	62,400	DBK		0.000	16 56 01 DAY		

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FIG 7B

Newport Client -- James Teather @ London Dev connected to Ian's Test Server

File Edit Program Order Tools Window Help

Navigation

Portfolio, Sector & Currency

- 999
- test
- xx
- (none)
- Euro Transition PF
 - Banking
 - NOK
 - SEK
 - Mult-Industry
 - DKK
 - Electrical & Electronics
 - EUR
 - SEK
 - Forest Products & Paper
 - Energy Sources
 - Transportation - Shipping
 - Telecommunications
 - Insurance
 - Machinery & Engineering
 - Building Materials & Com
 - Health & Personal Care
 - Merchandising
 - Business & Public Service
 - Construction & Housing
 - Metals - Steel
 - Beverages & Tobacco
- Invalid Instrument
 - xxx
 - SDG
 - gf
 - 999
 - test
 - Euro Transition PF

Create slice completed

Inbox

Orders

Outbox

EUR

Order ID	Side	Order Qty	INET	1st RIC	Limit Price	Ack	Bid	Value	Residual
1006954675866	Buy	8,445	NOK1	NOK1v,HE	0.000	25.680	25.600	185,507,600	8,445,000
1006954675836	Buy	700	LMEBI	ERICb,ST	0.000	58.000	57.500	40,600,000	700,000
1006954675831	Buy	3,900	LMEBI	ERICb,ST	0.000	58.000	57.500	224,250,000	3,900,000

Order ID	Parent Order	Time Raised	Side	Order	INET	Held	Limit Price	Strike Price	Benchmark
1006954671006954675896		18:22:48	Buy	0	0.000	0.000	0.000	0.000	0.000 DA
1006954671006954675831		18:22:48	Sell	200	0.000	0.000	0.000	0.000	0.000 DA

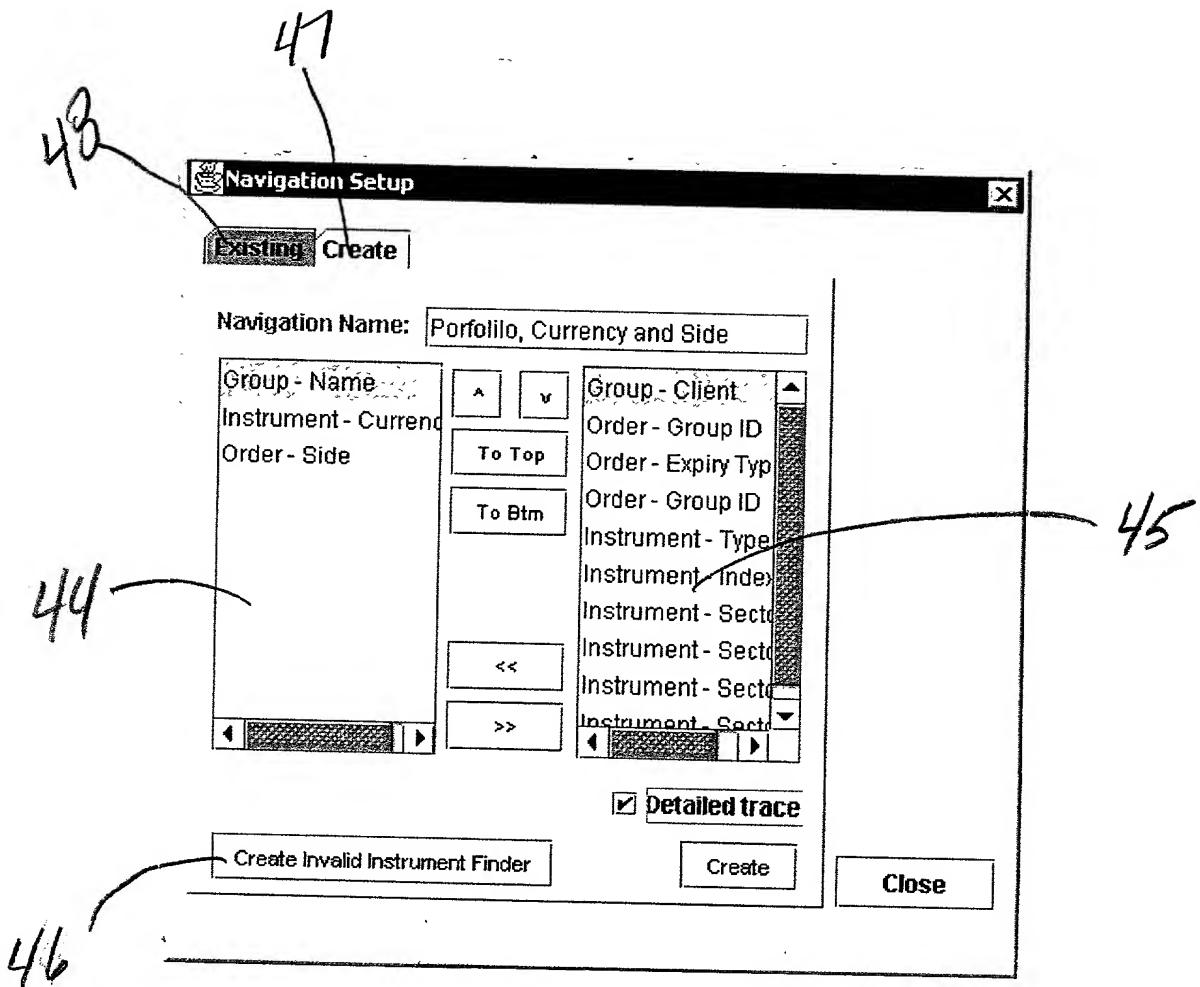


FIG. 7C

61
 User
 init()
 62
 NavigationPanel
 String[] getNavigationSets()
 resetNavigationSets...
 63
 NavigationManager
 getAvailableSets()
 selectSet(NavigationSet, NavigationCallback)

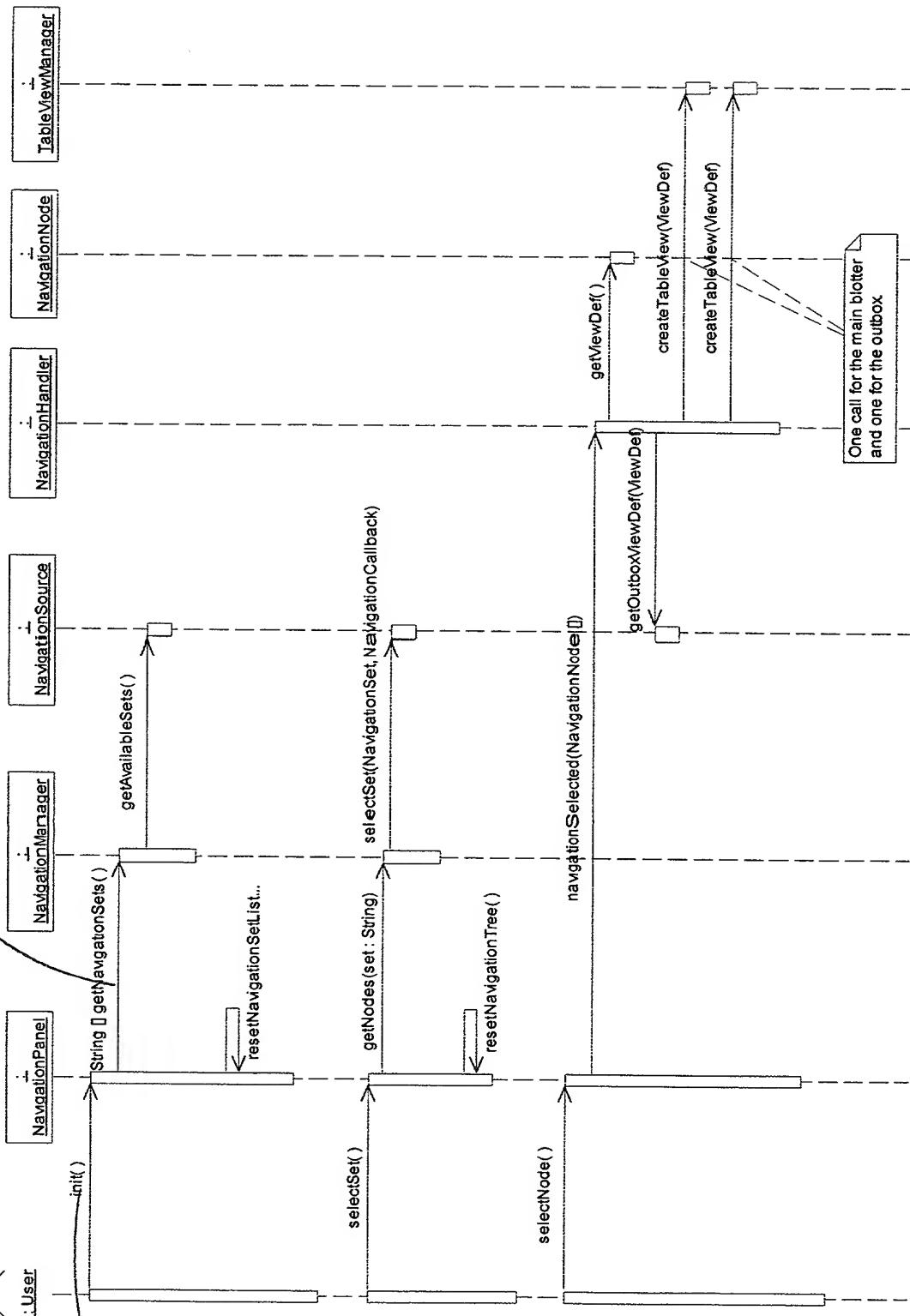
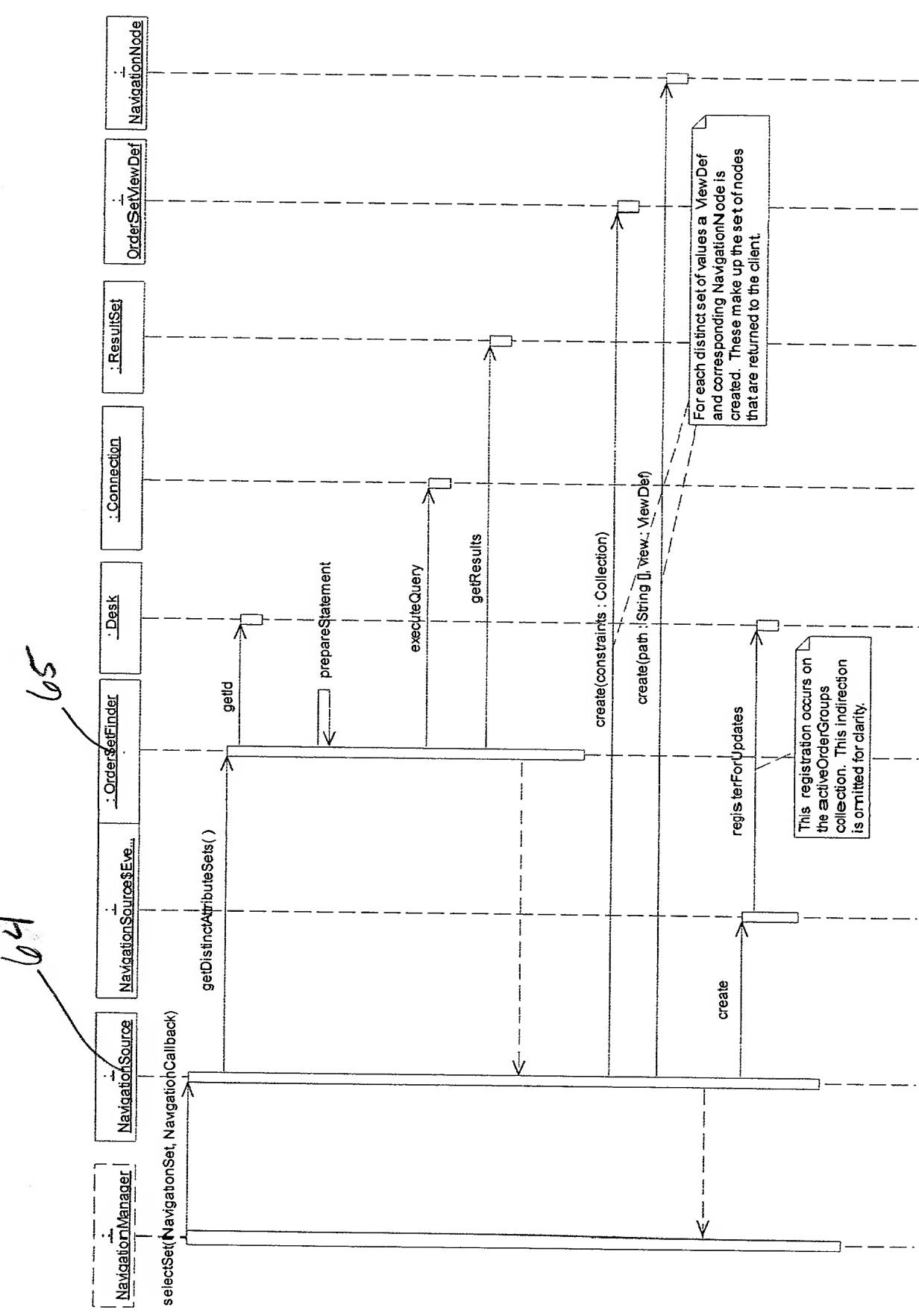


Fig. 8



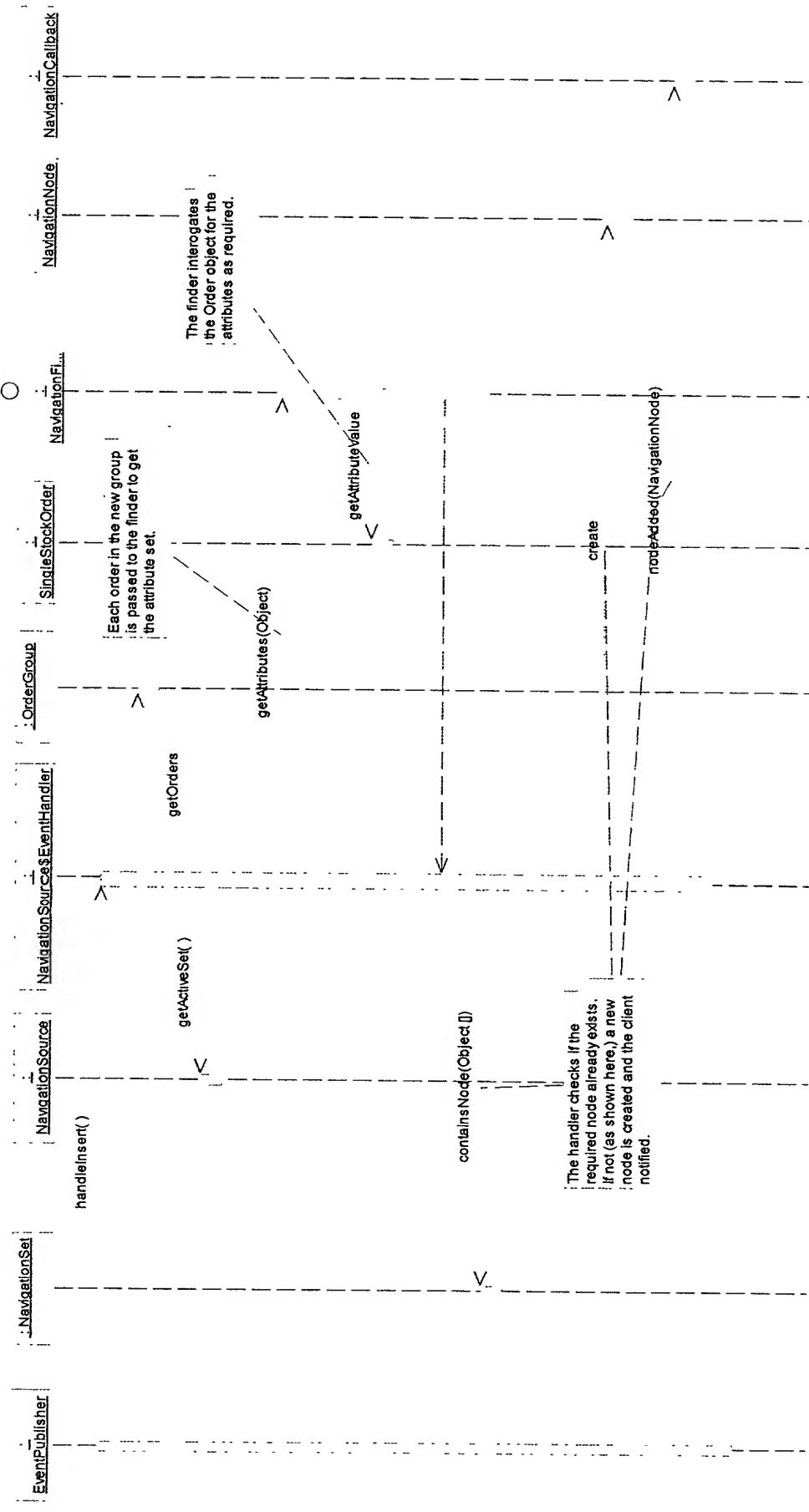


Fig. 10

The following diagram shows the internal design of how a NavigationSource is constructed and what interface it expresses to the client applications. It also shows a NavigationSet is built with contains a set of navigation nodes. Each navigation node has a ViewDef which expresses the information which must be passed to an Order Blotter or Outbox view to tell them how to construct the appropriate set of orders.

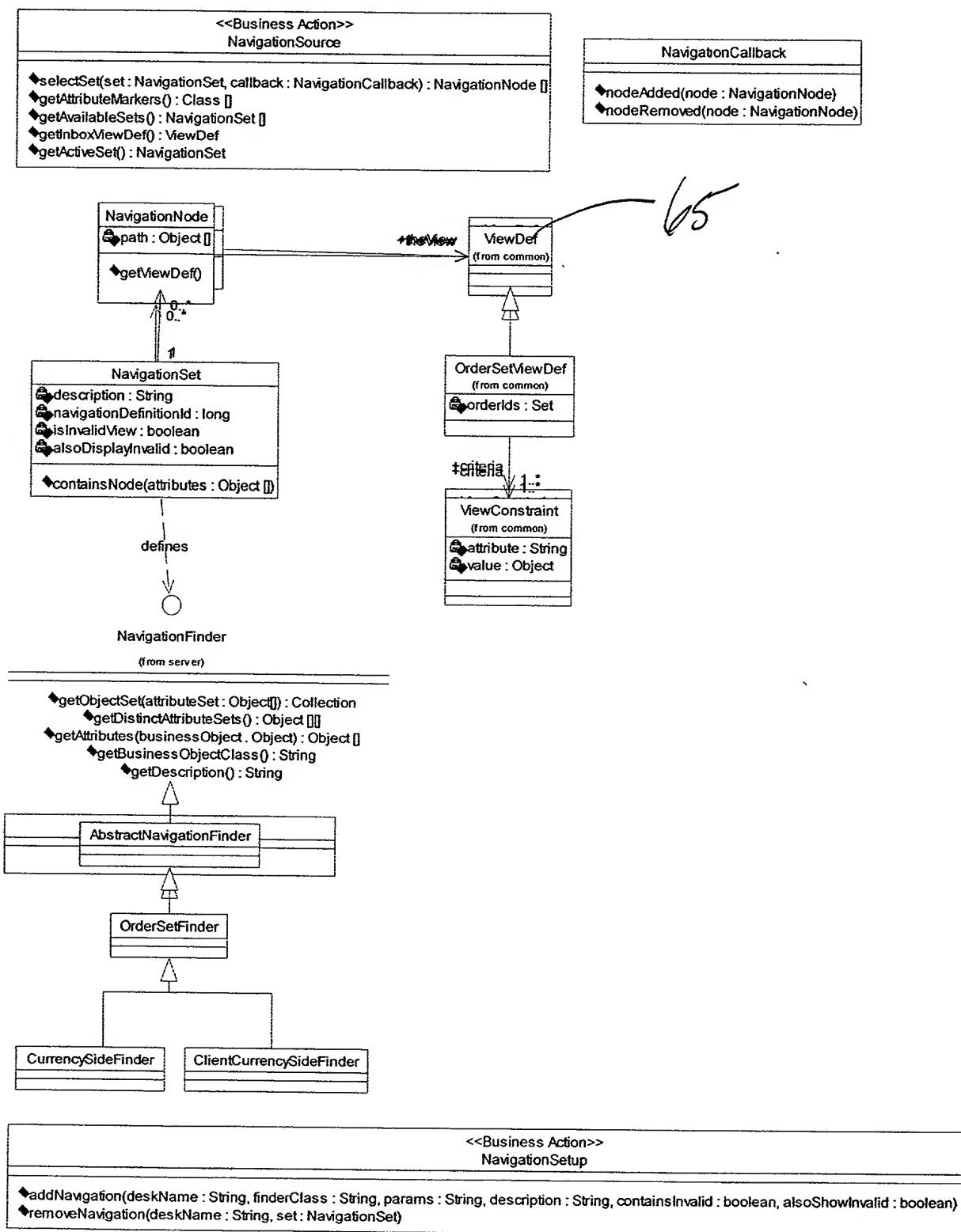


FIG. 11